(NEW) Attorney Docket No. 09059.0052-00000 Application No. 10/560.231

AMENDMENTS TO THE SPECIFICATION:

Please amend the abstract of the specification as shown below and in the

attached replacement abstract.

ABSTRACT

A computer-implemented method is designed for on-demand printing on digital

printers of a coding pattern to code data on a surface. The coding pattern comprises a

plurality of parallel number sequences which represent different rotations of a cyclic

number sequence. The method could involve retrieving a digital representation of the

coding pattern, and identifying the rotations therein to derive shift information which

designates a phase difference between each rotation and the cyclic number sequence.

In the printing operation, all the different rotations may be represented by the cyclic

number sequence embodied as at least one code block image. This code block image

is repeated in accordance with the shift information to form a printable image in the

printer.

Elected for publication: Fig. 6

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